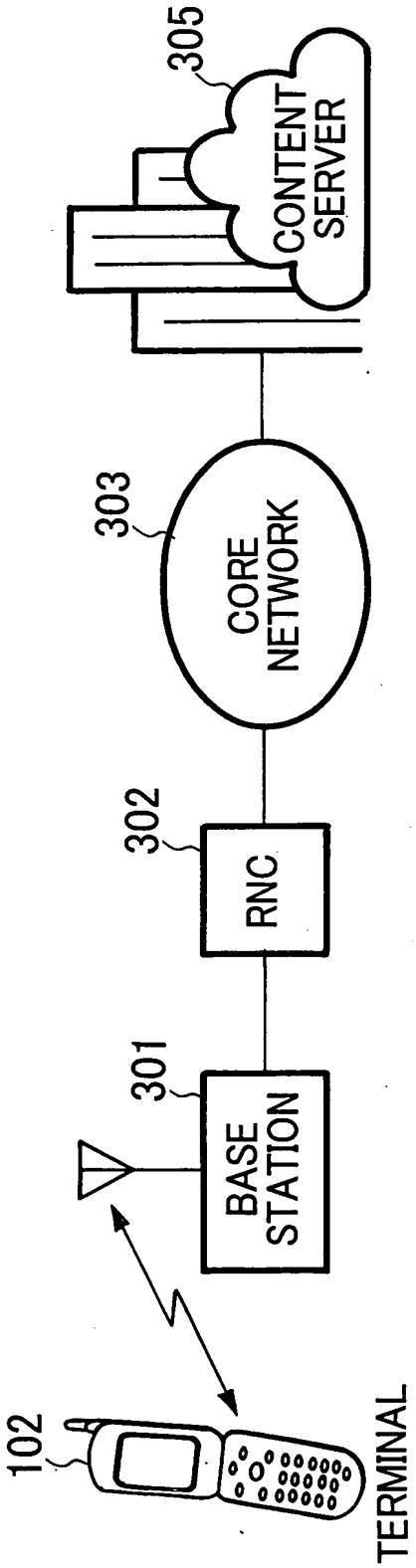
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.1



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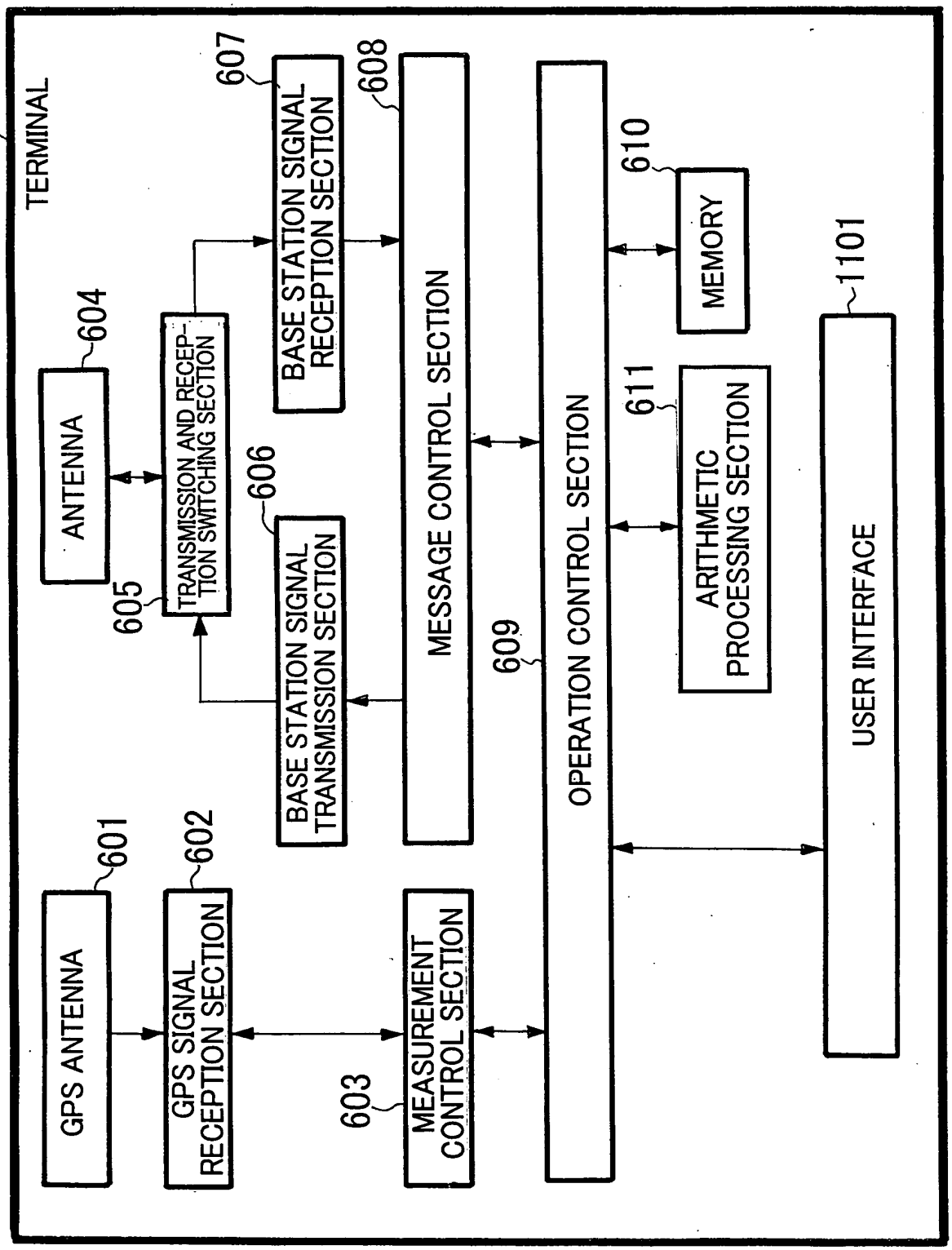
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.2



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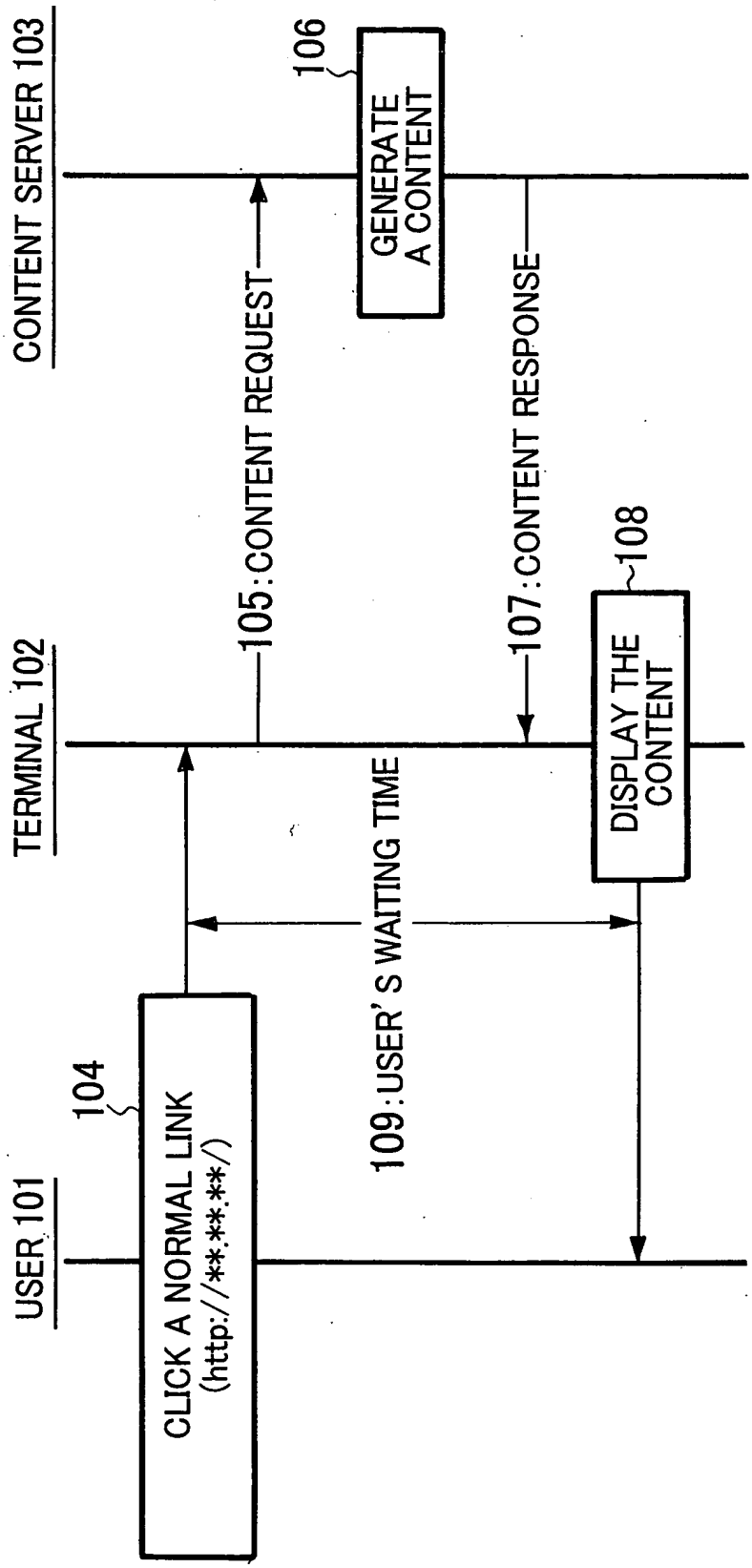
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.3



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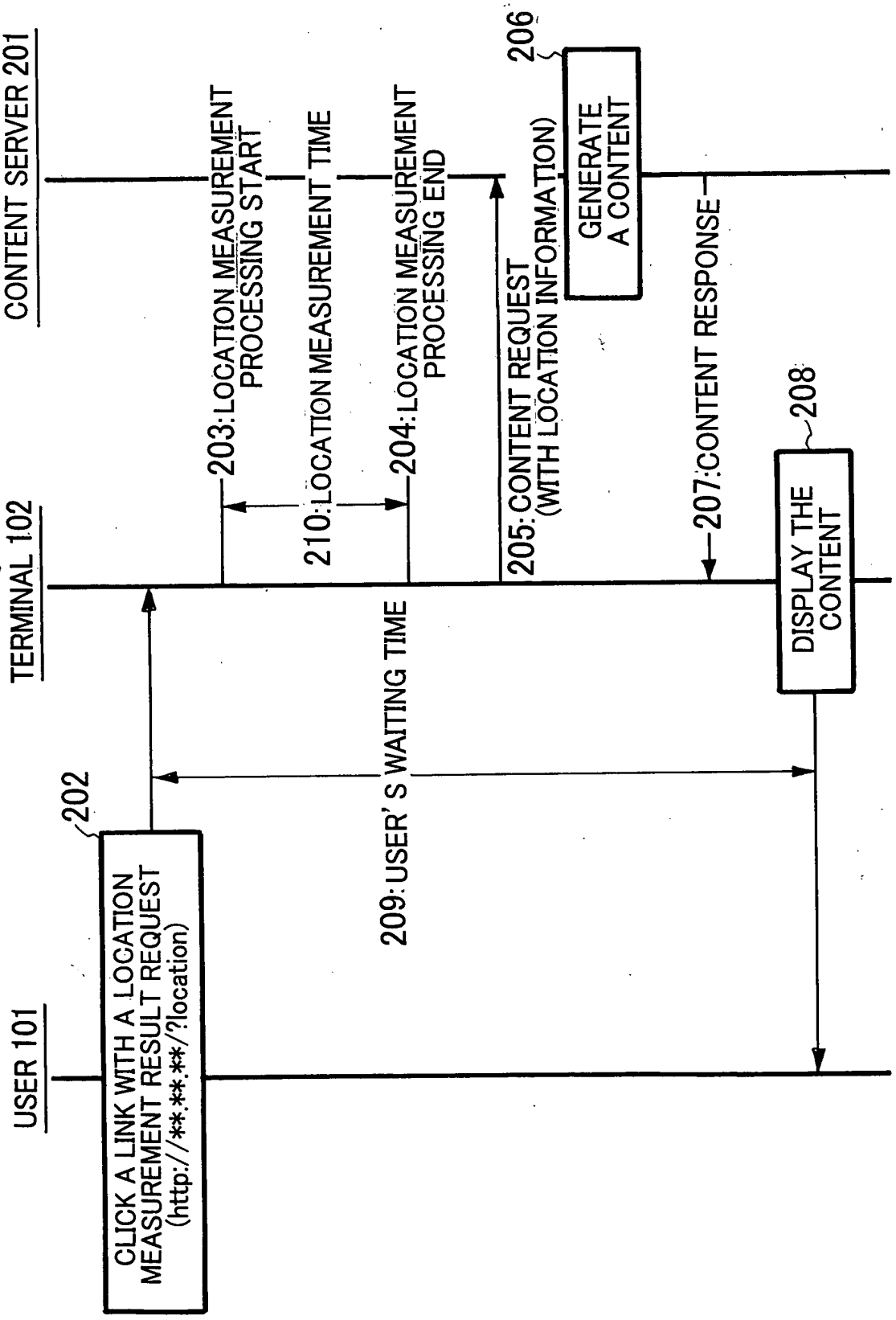
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.4



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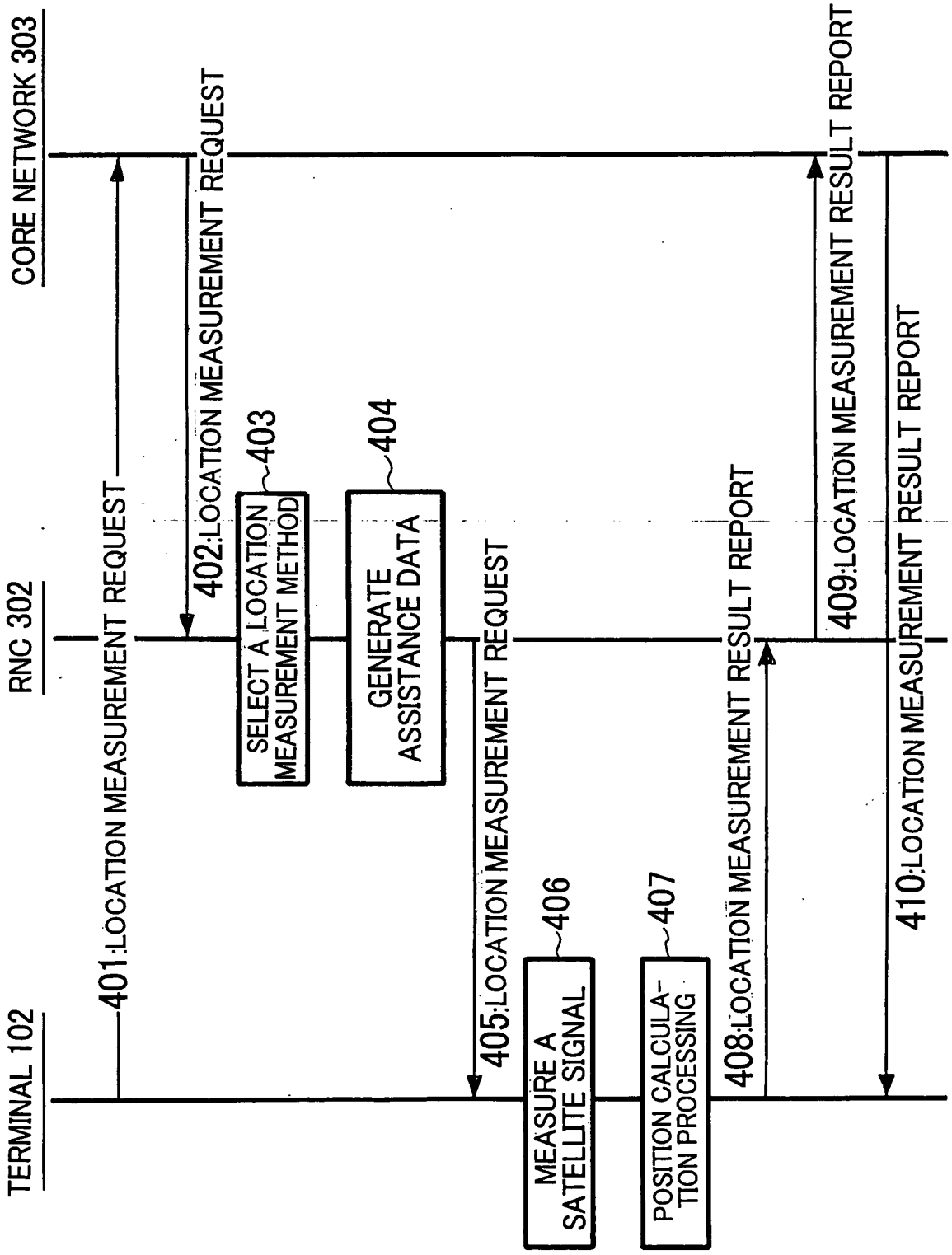
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.5



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Inventor(s): Jun-ichi MATSUDA
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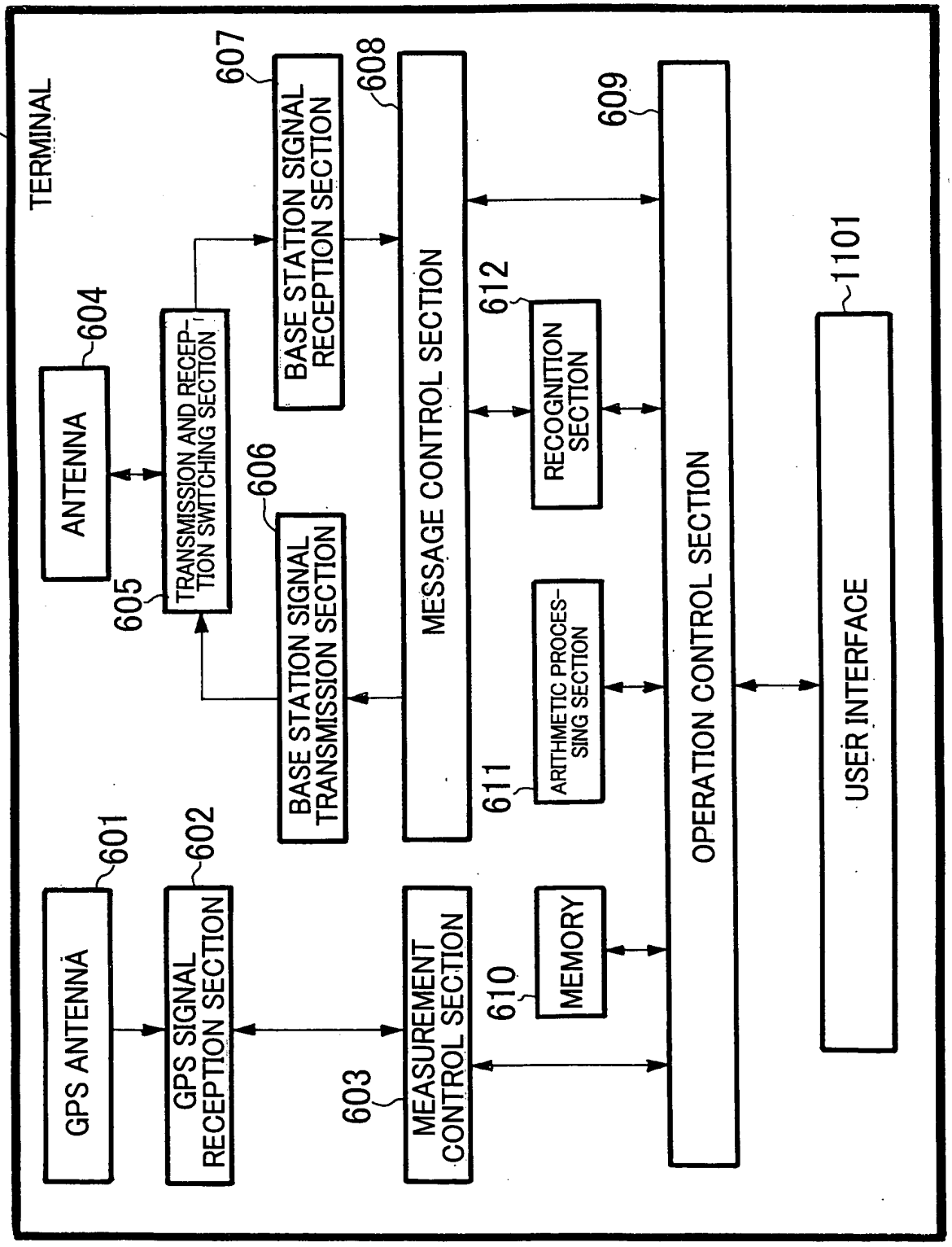
FIG.6



Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
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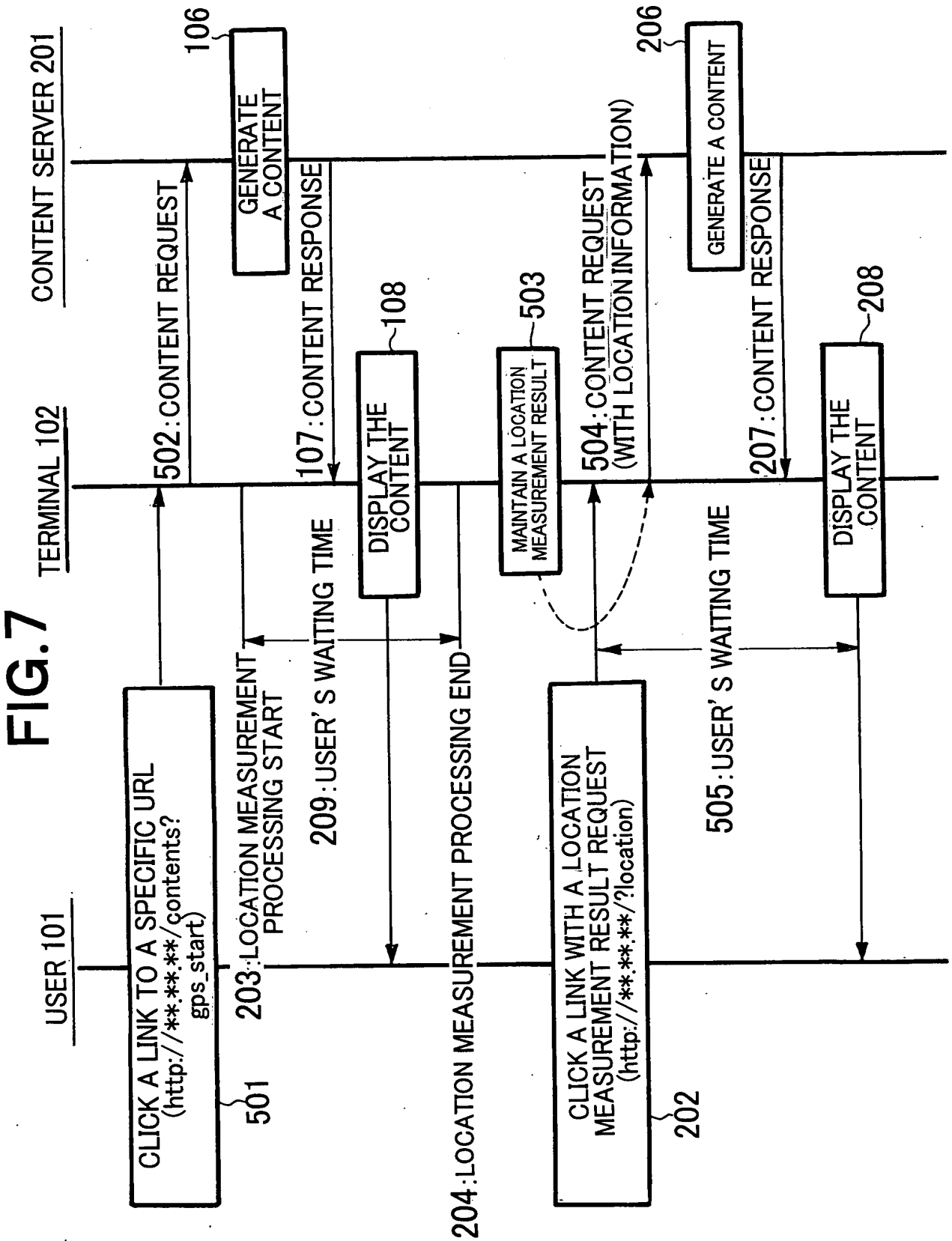

FIG. 7

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Inventor(s): Jun-ichi MATSUDA
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FIG.8

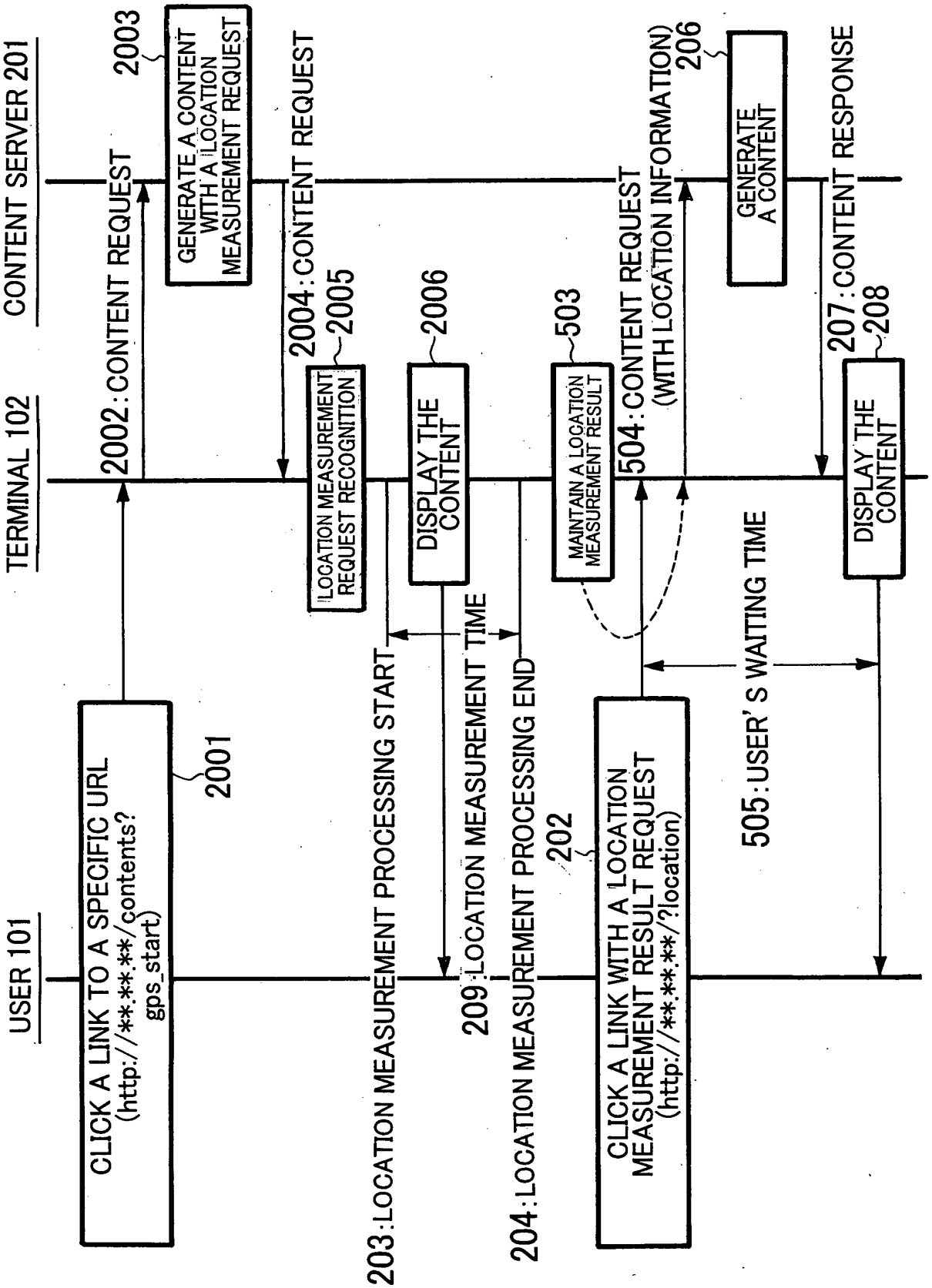
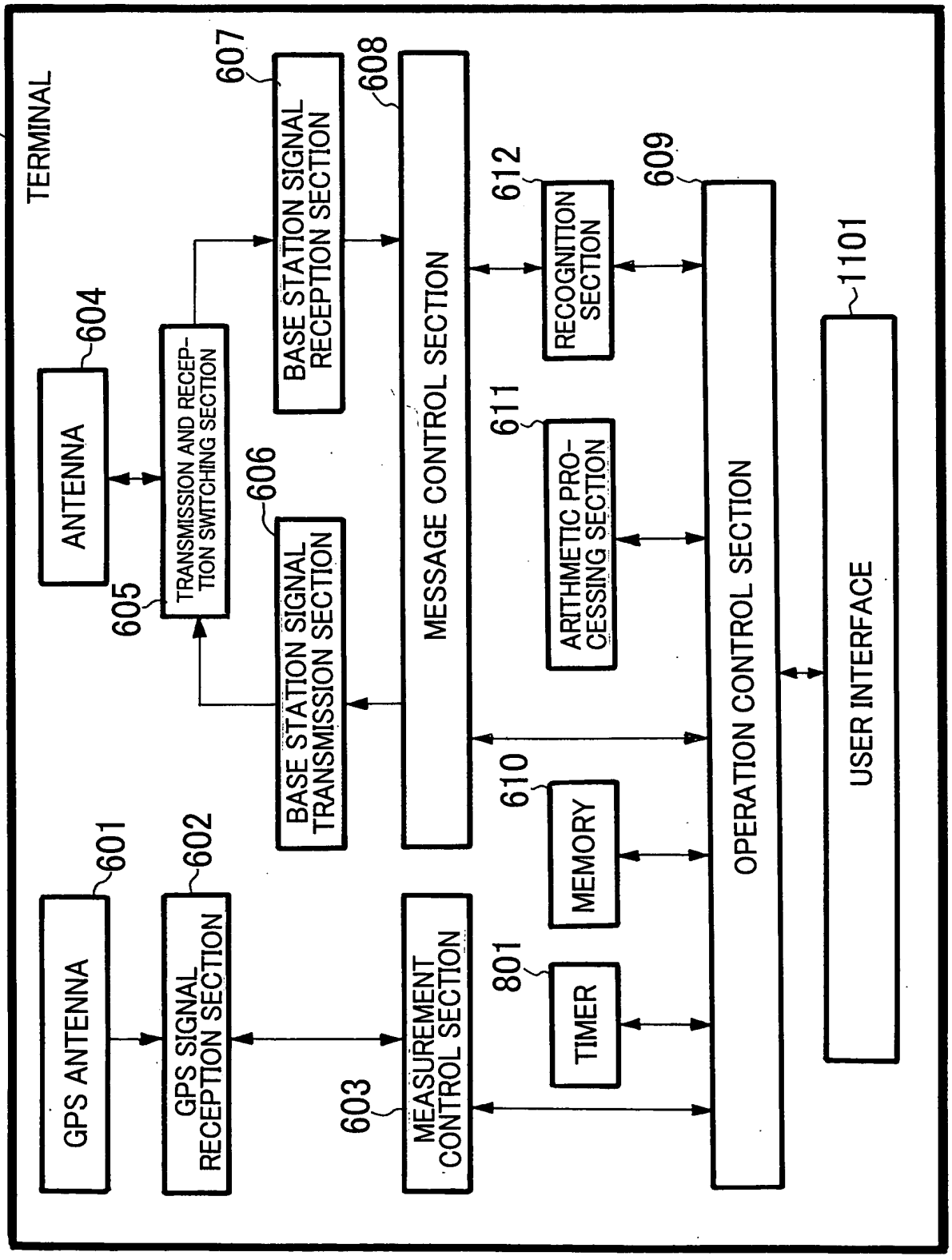
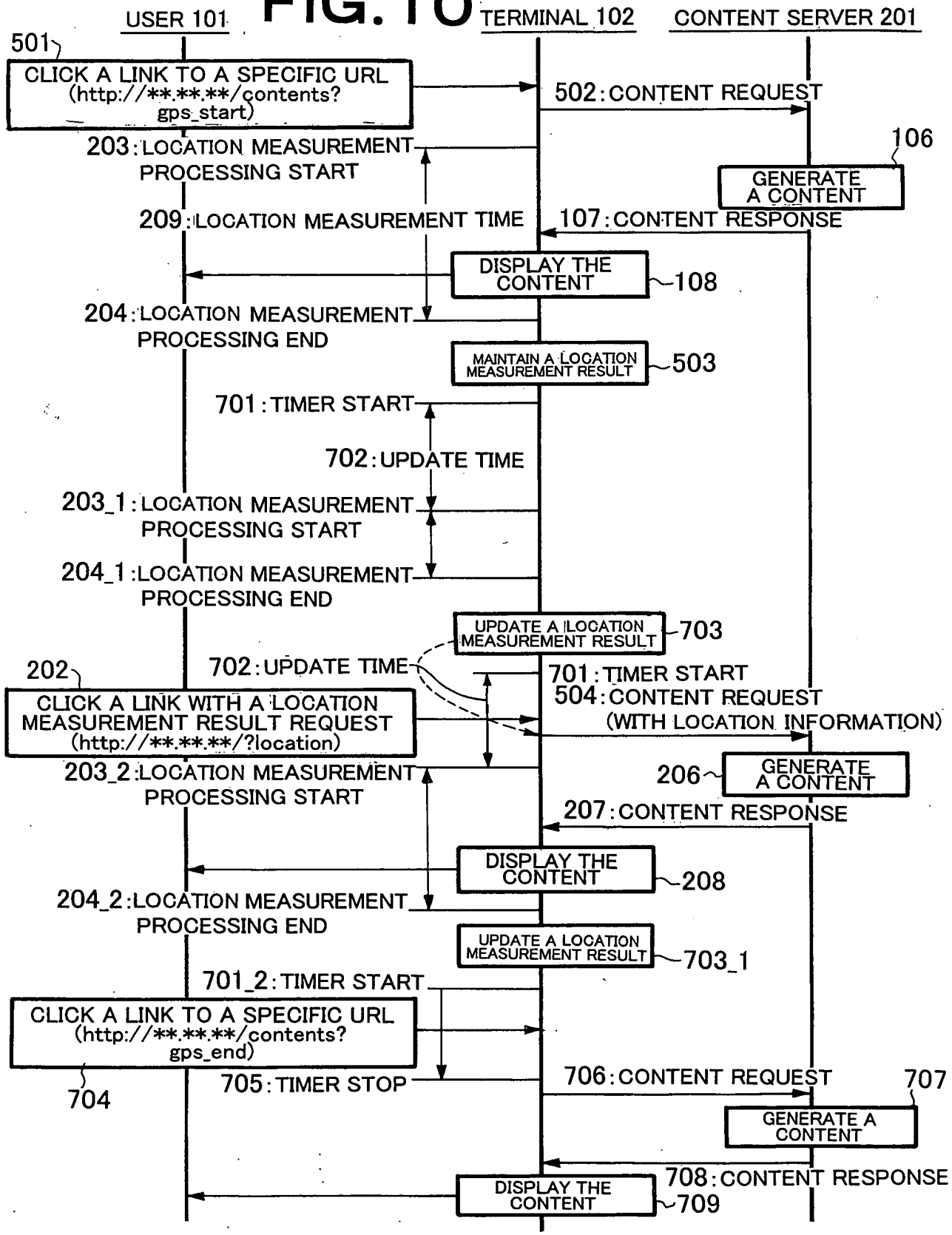


FIG.9


102
TERMINAL
ANTENNA
604
TRANSMISSION AND RECEPTION SWITCHING SECTION
605
606
BASE STATION SIGNAL TRANSMISSION SECTION
607
BASE STATION SIGNAL RECEPTION SECTION
608
MESSAGE CONTROL SECTION
612
RECOGNITION SECTION
609
611
ARITHMETIC PROCESSING SECTION
OPERATION CONTROL SECTION
1101
USER INTERFACE
GPS ANTENNA
601
GPS SIGNAL RECEPTION SECTION
602
610
MEMORY
801
TIMER
603
MEASUREMENT CONTROL SECTION

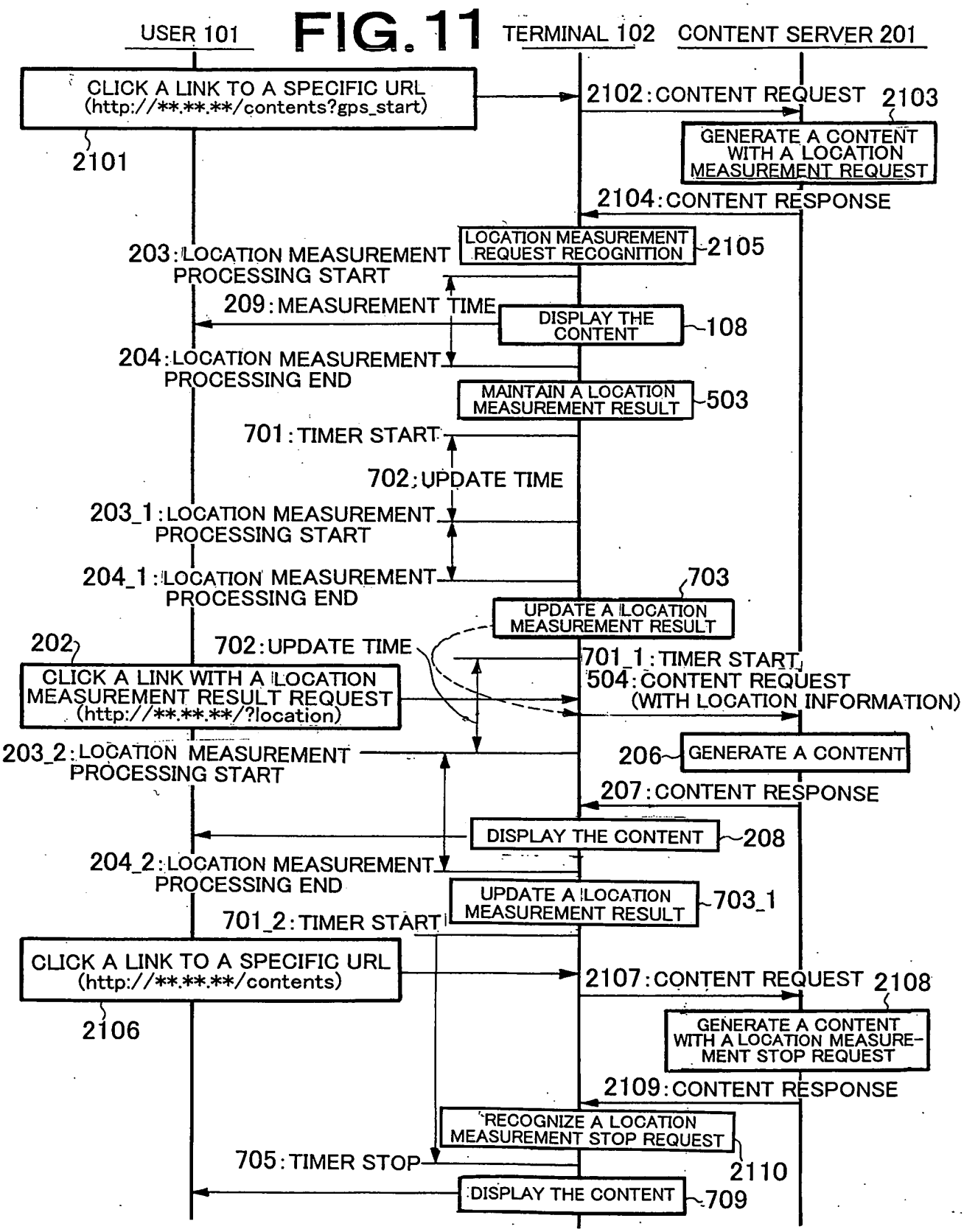
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 10



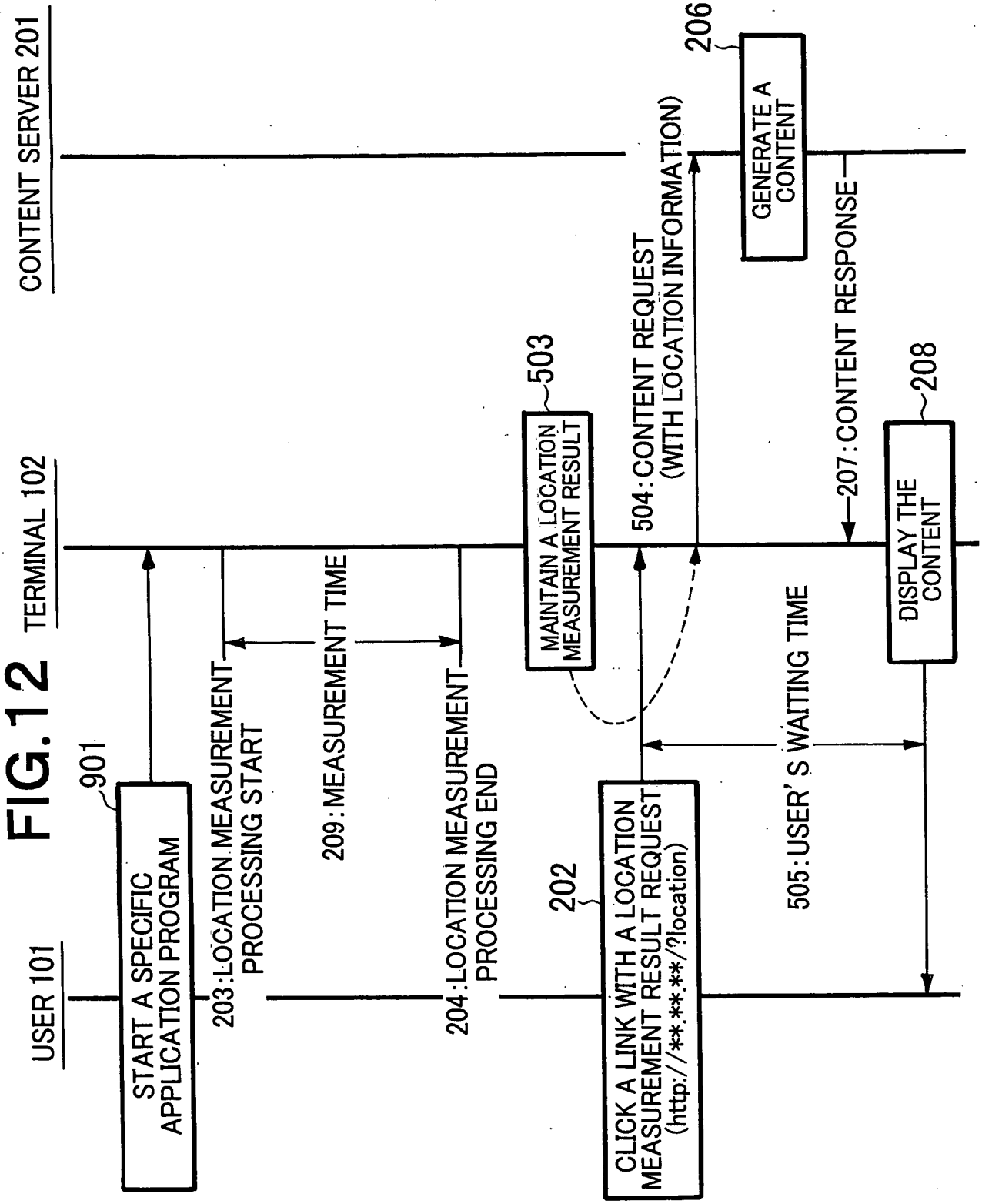
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 11



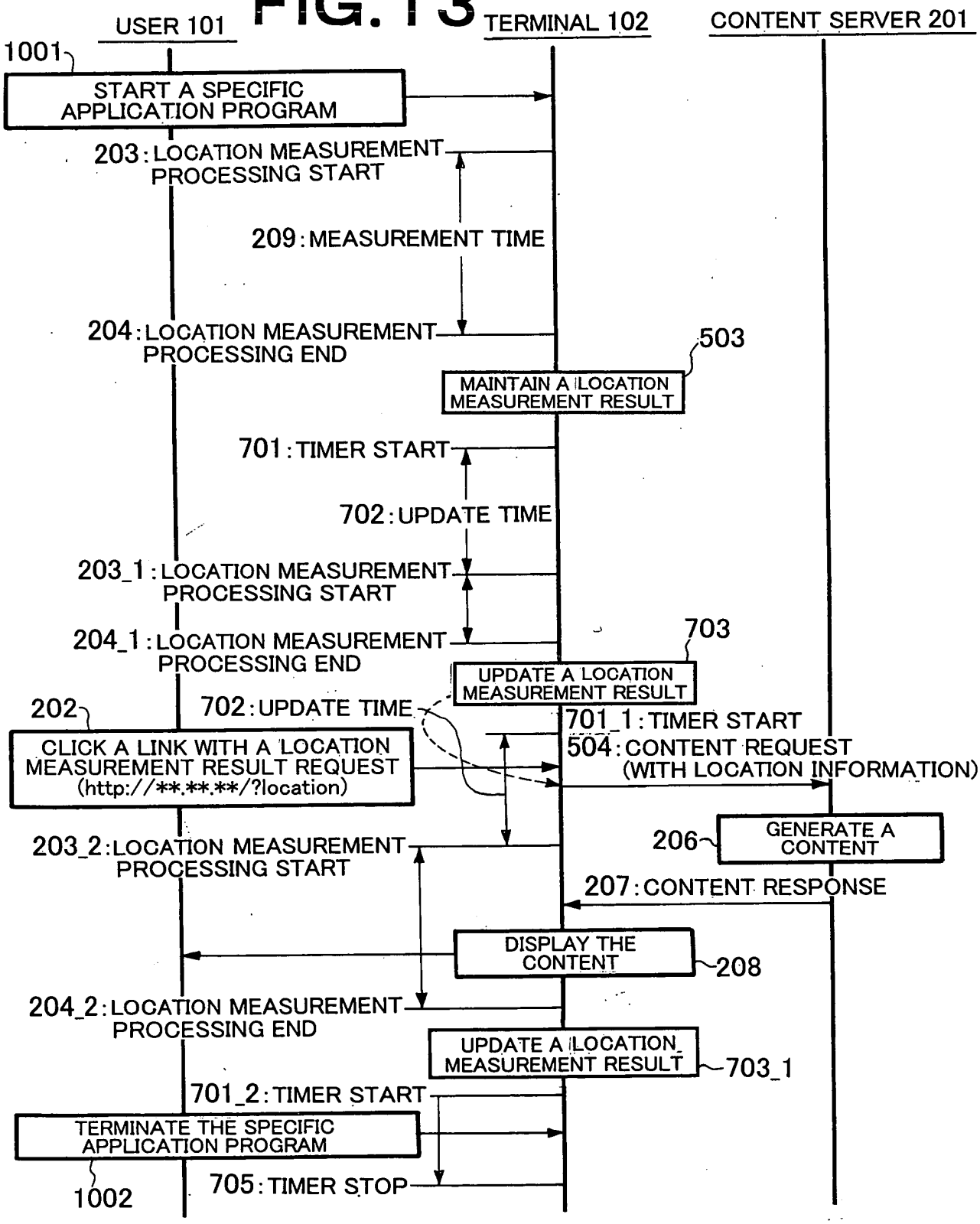
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 12



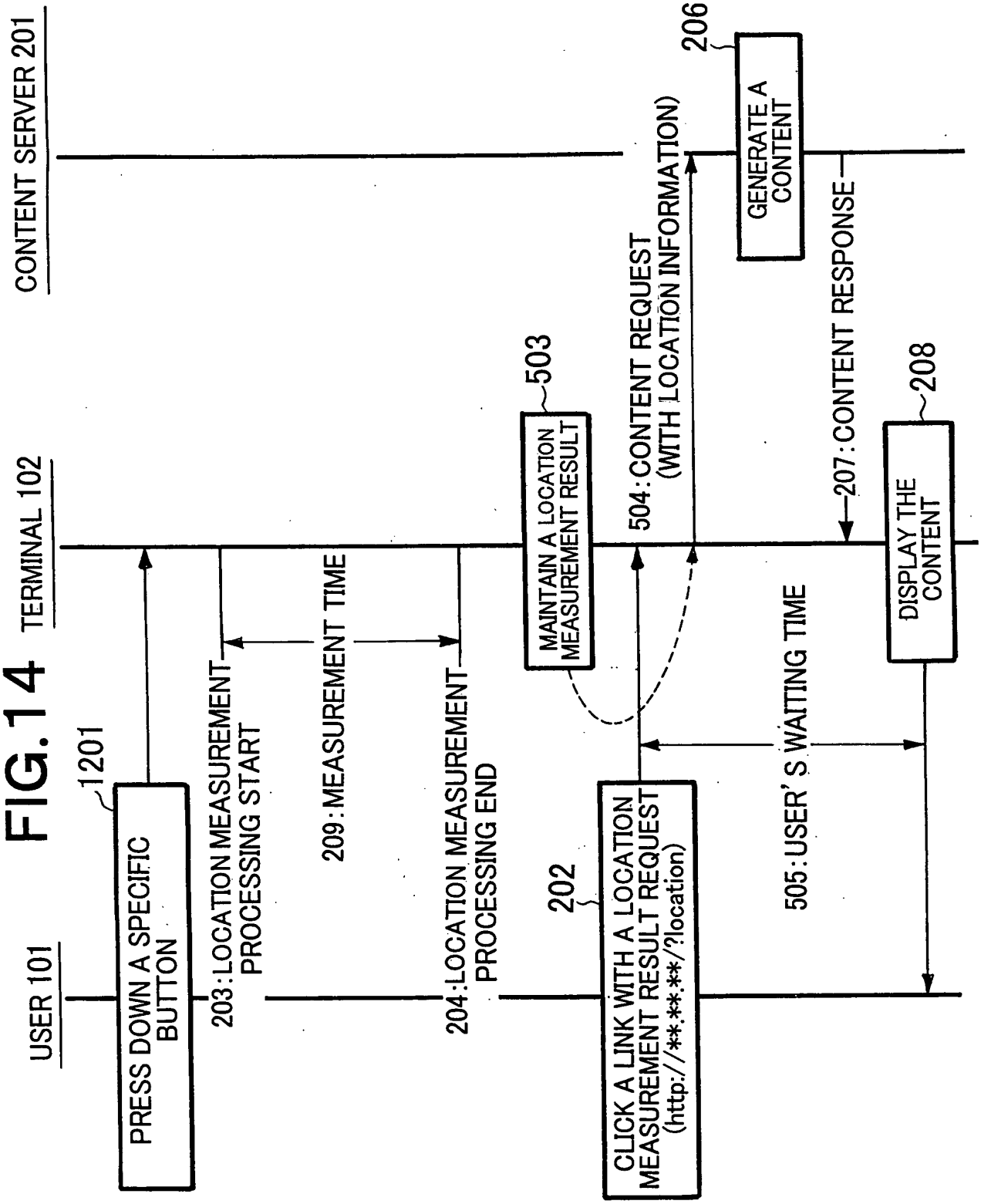
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 13



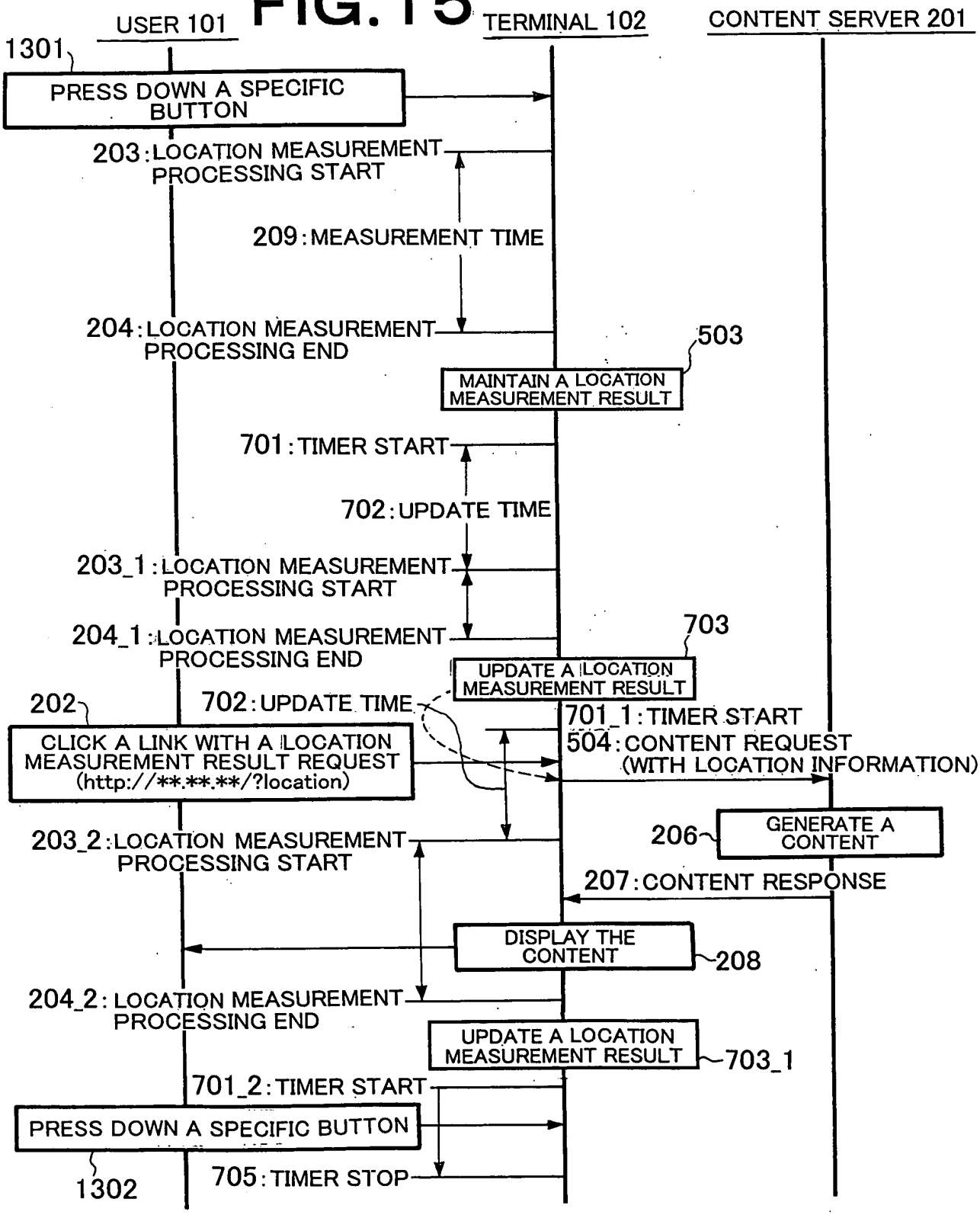
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 14



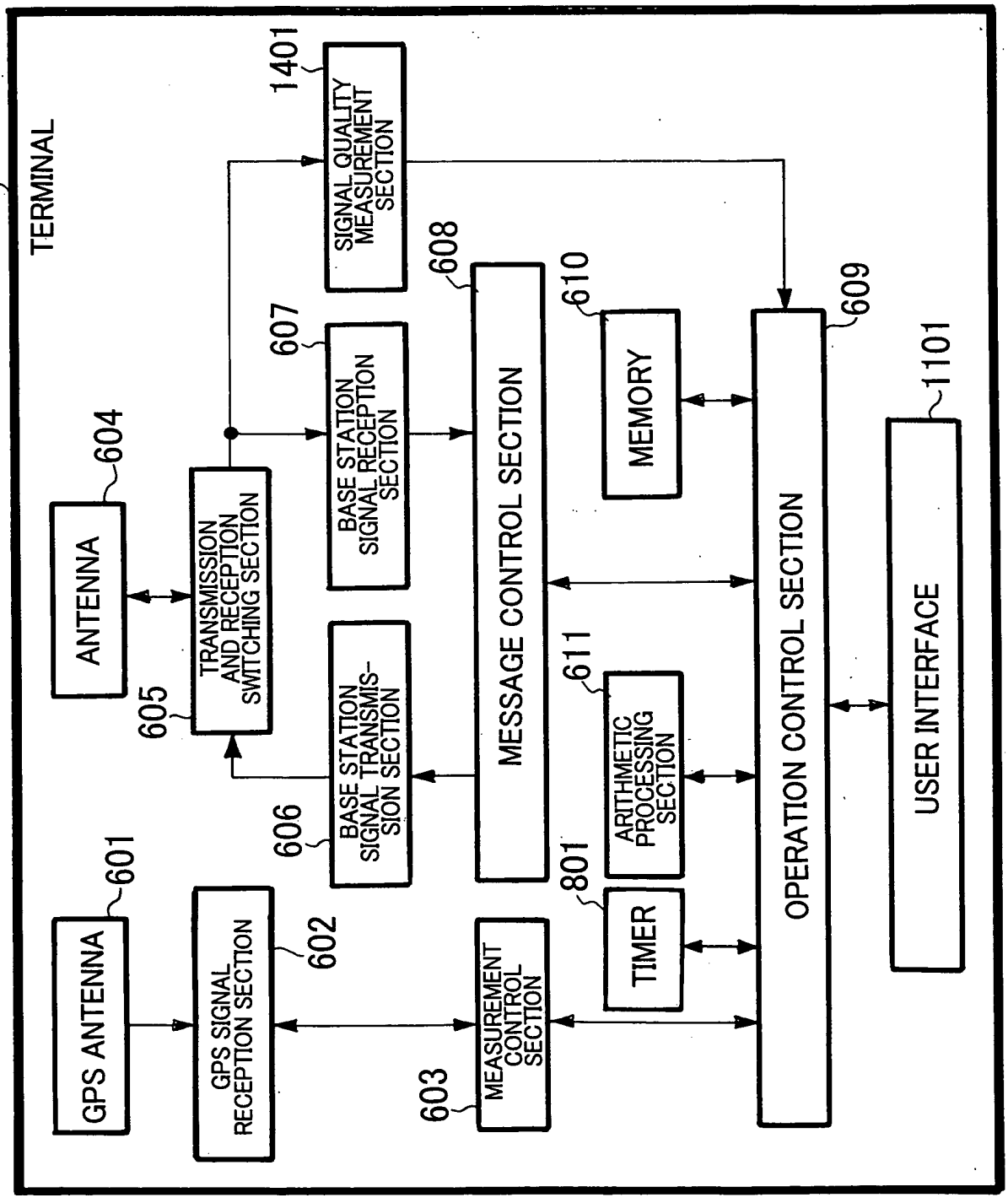
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 15



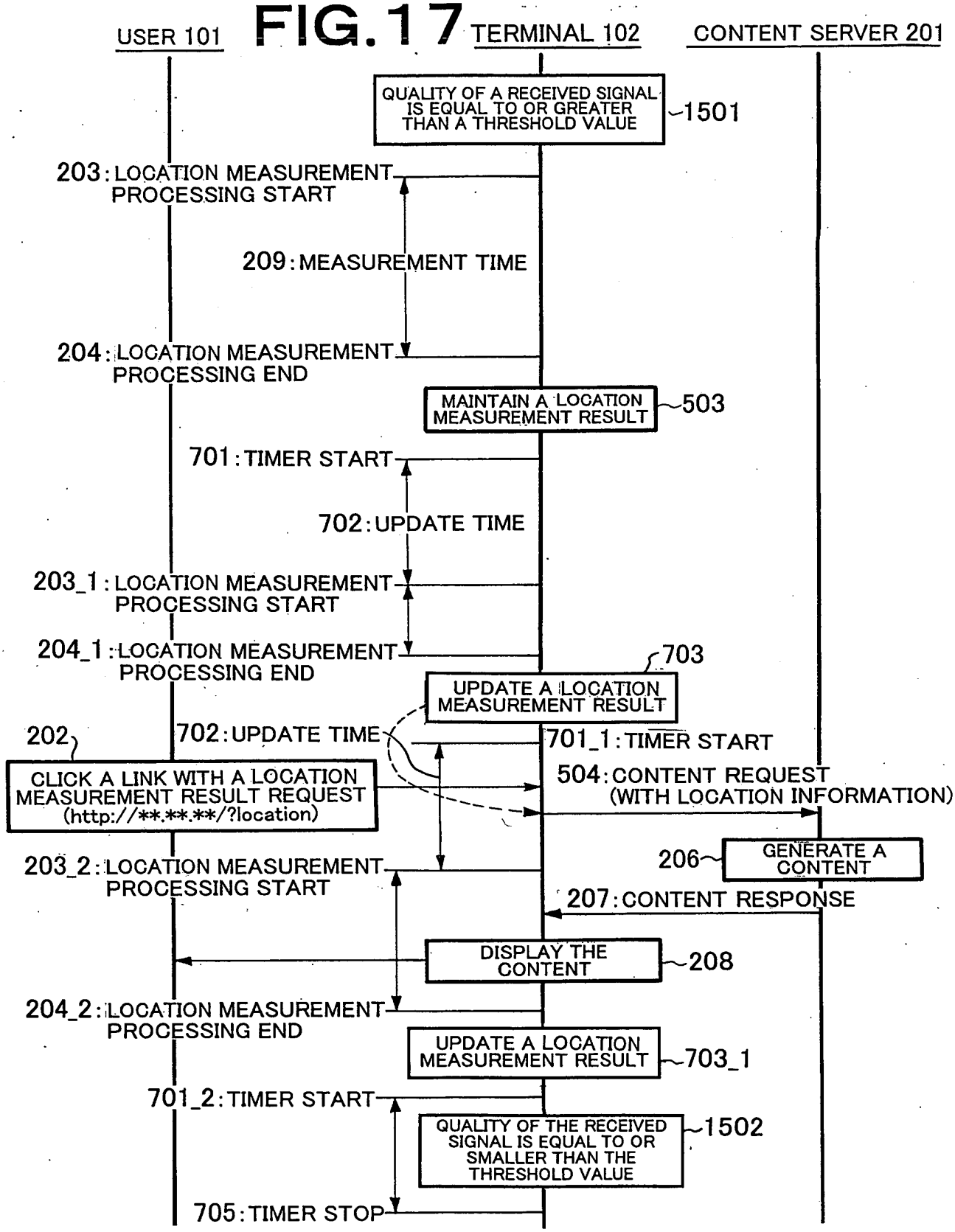
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.16



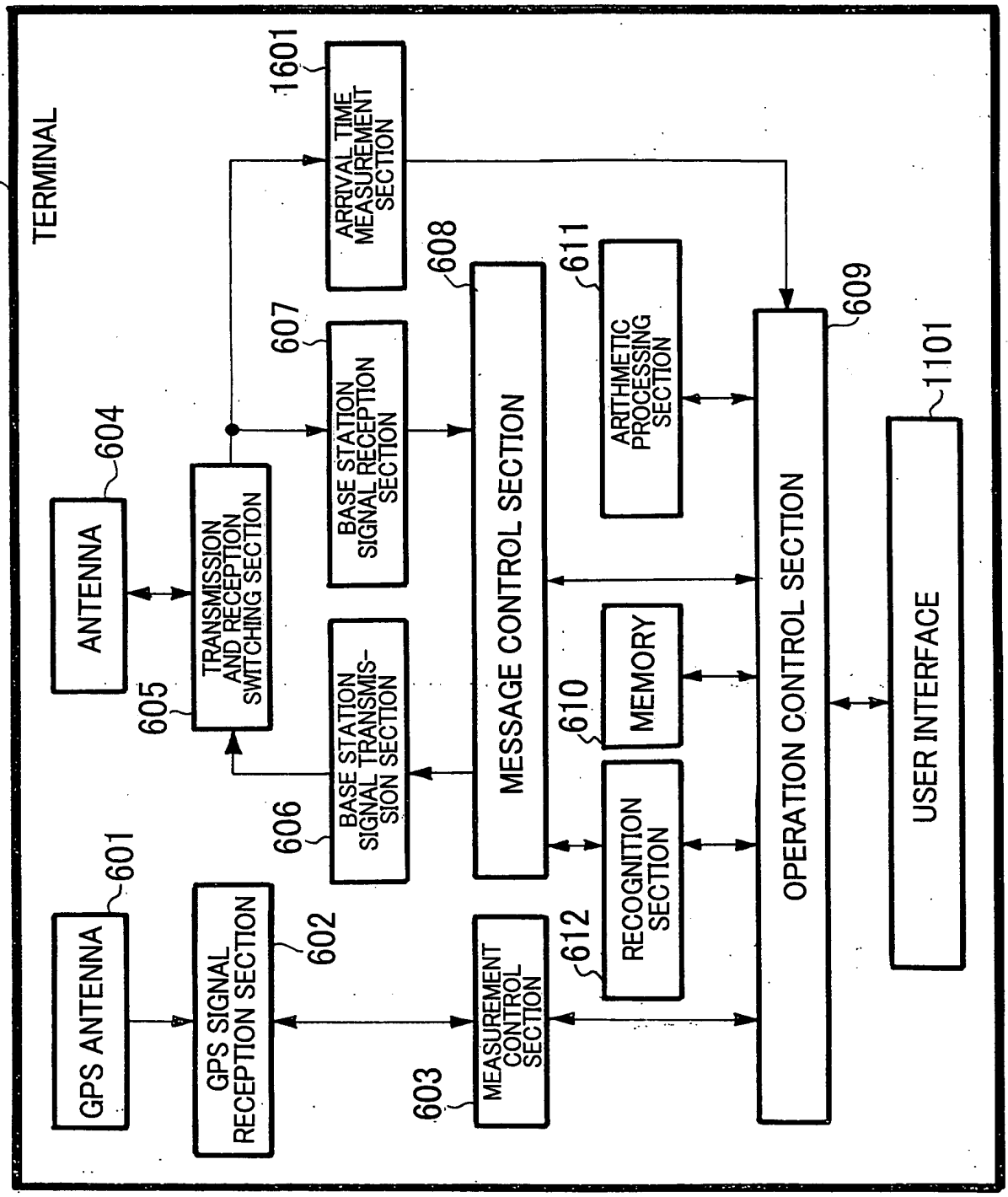
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG. 17



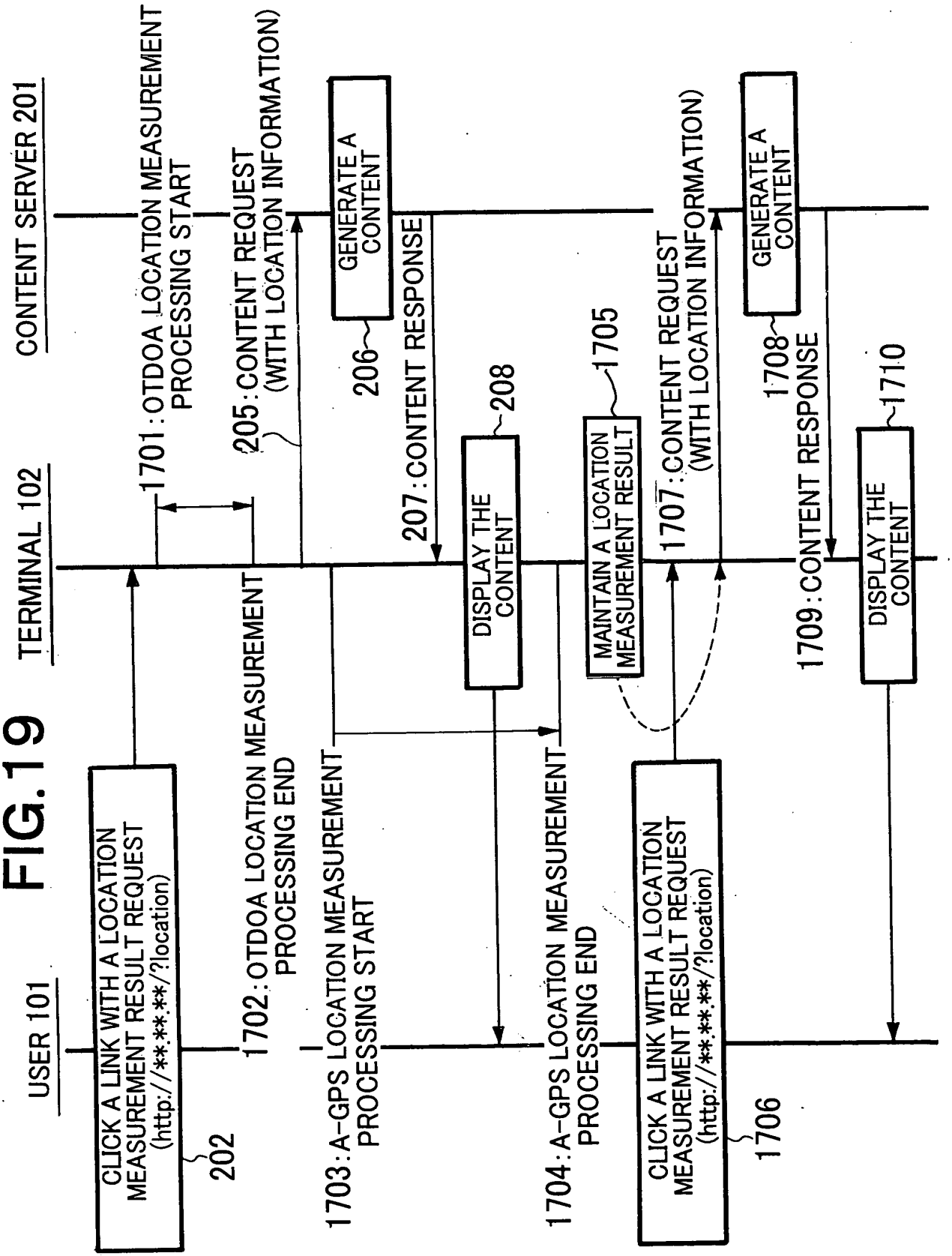
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.18



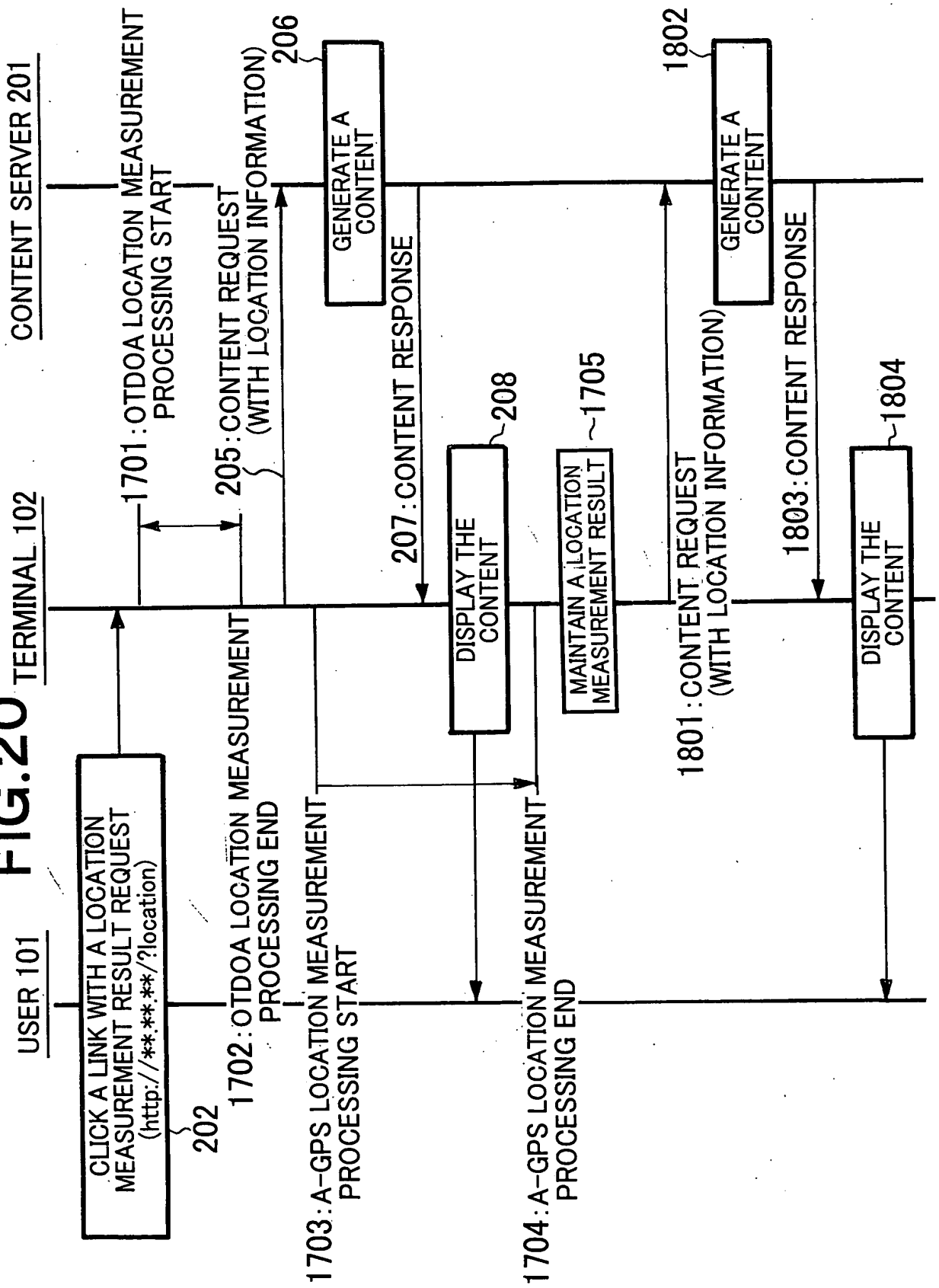
Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.19



Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.20



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Inventor(s): Jun-ichi MATSUDA
DOCKET NO.: 040447-0280

FIG.21

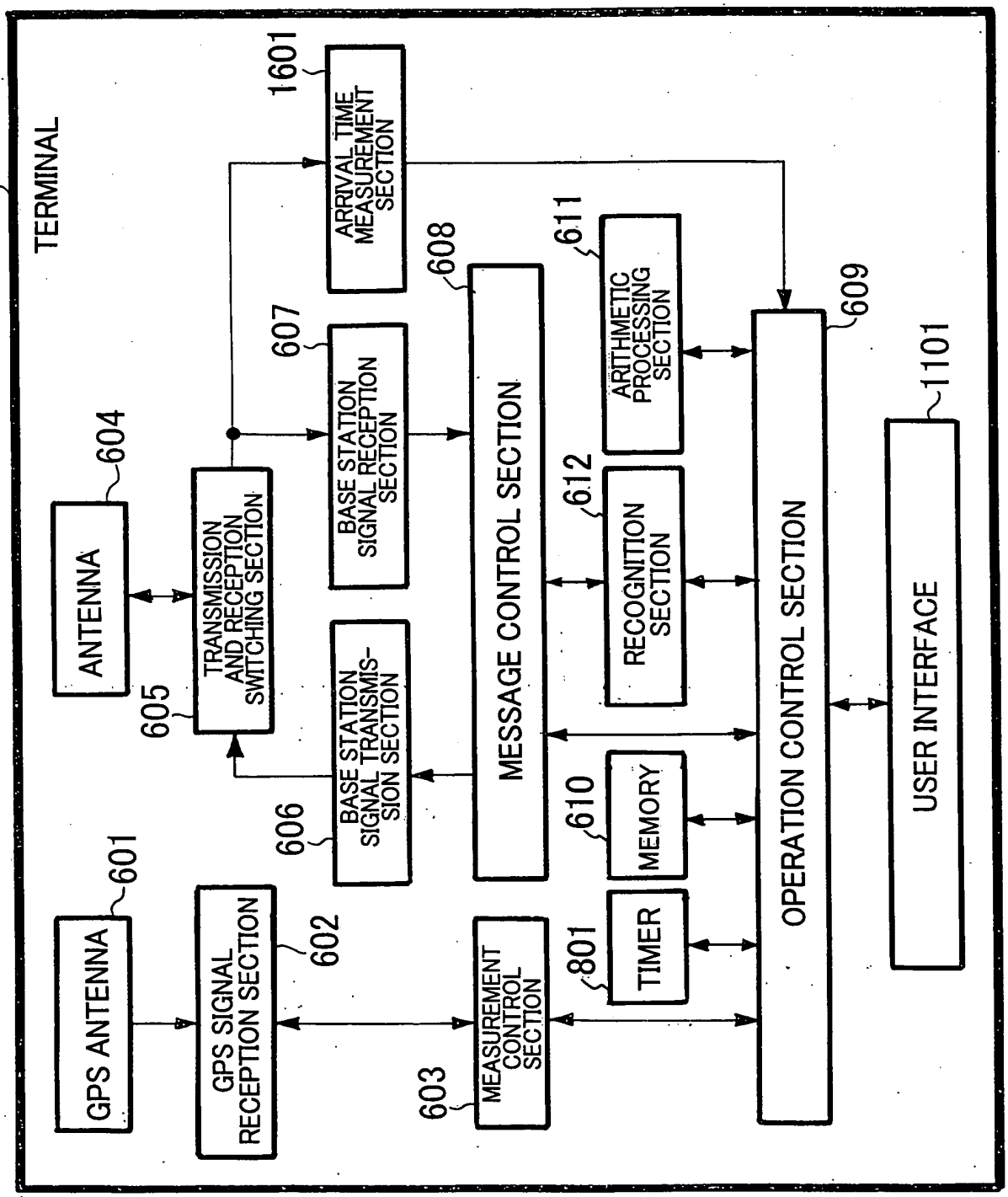
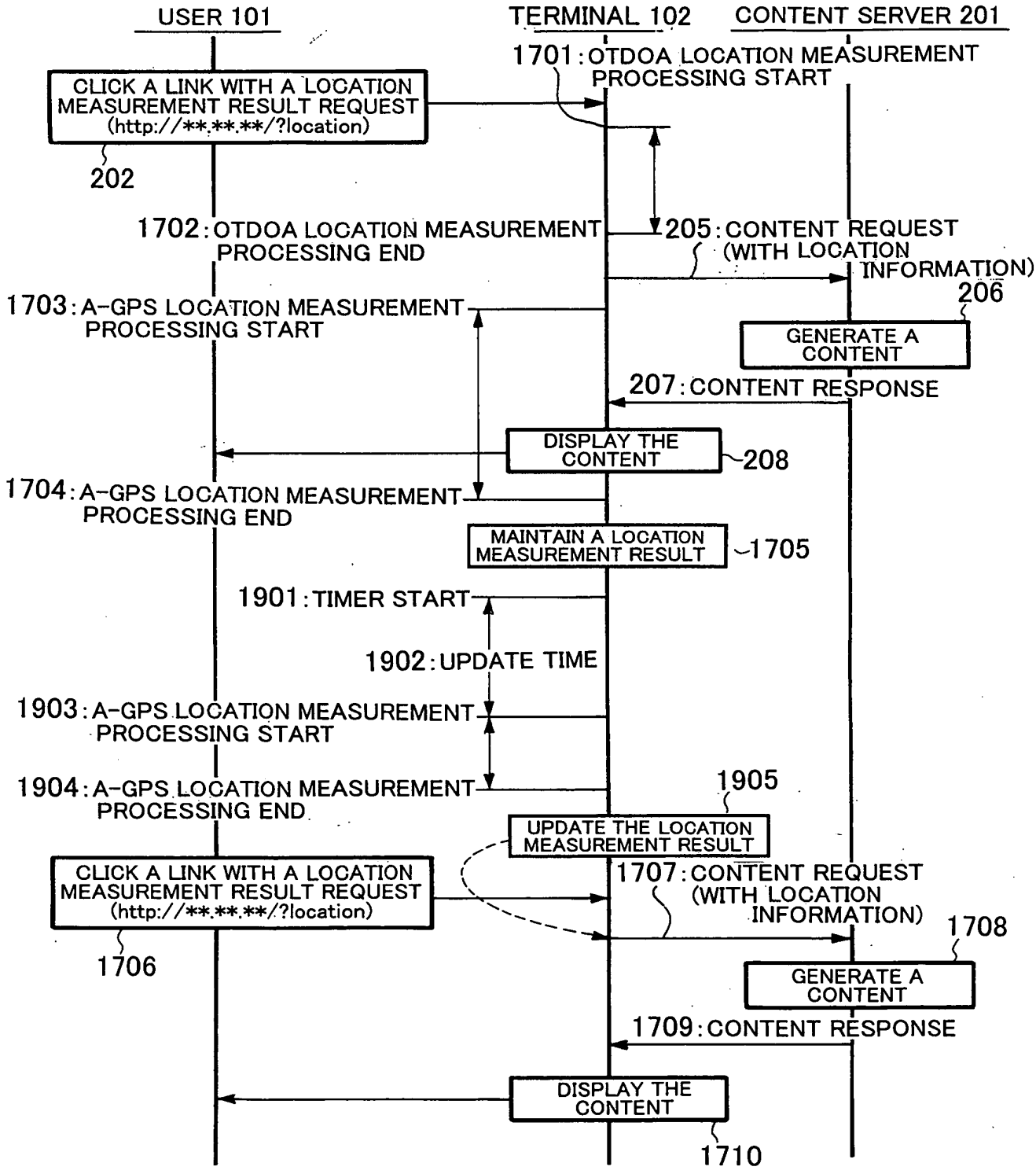


FIG.22


USER 101
TERMINAL 102
CONTENT SERVER 201
1701 : OTDOA LOCATION MEASUREMENT PROCESSING START
CLICK A LINK WITH A LOCATION MEASUREMENT RESULT REQUEST (http://**.**.**/?location)
202
1702 : OTDOA LOCATION MEASUREMENT PROCESSING END
205 : CONTENT REQUEST (WITH LOCATION INFORMATION)
206
1703 : A-GPS LOCATION MEASUREMENT PROCESSING START
GENERATE A CONTENT
207 : CONTENT RESPONSE
DISPLAY THE CONTENT
208
1704 : A-GPS LOCATION MEASUREMENT PROCESSING END
MAINTAIN A LOCATION MEASUREMENT RESULT
1705
1901 : TIMER START
1902 : UPDATE TIME
1903 : A-GPS LOCATION MEASUREMENT PROCESSING START
1904 : A-GPS LOCATION MEASUREMENT PROCESSING END
1905
UPDATE THE LOCATION MEASUREMENT RESULT
CLICK A LINK WITH A LOCATION MEASUREMENT RESULT REQUEST (http://**.**.**/?location)
1707 : CONTENT REQUEST (WITH LOCATION INFORMATION)
1708
1706
GENERATE A CONTENT
1709 : CONTENT RESPONSE
DISPLAY THE CONTENT
1710

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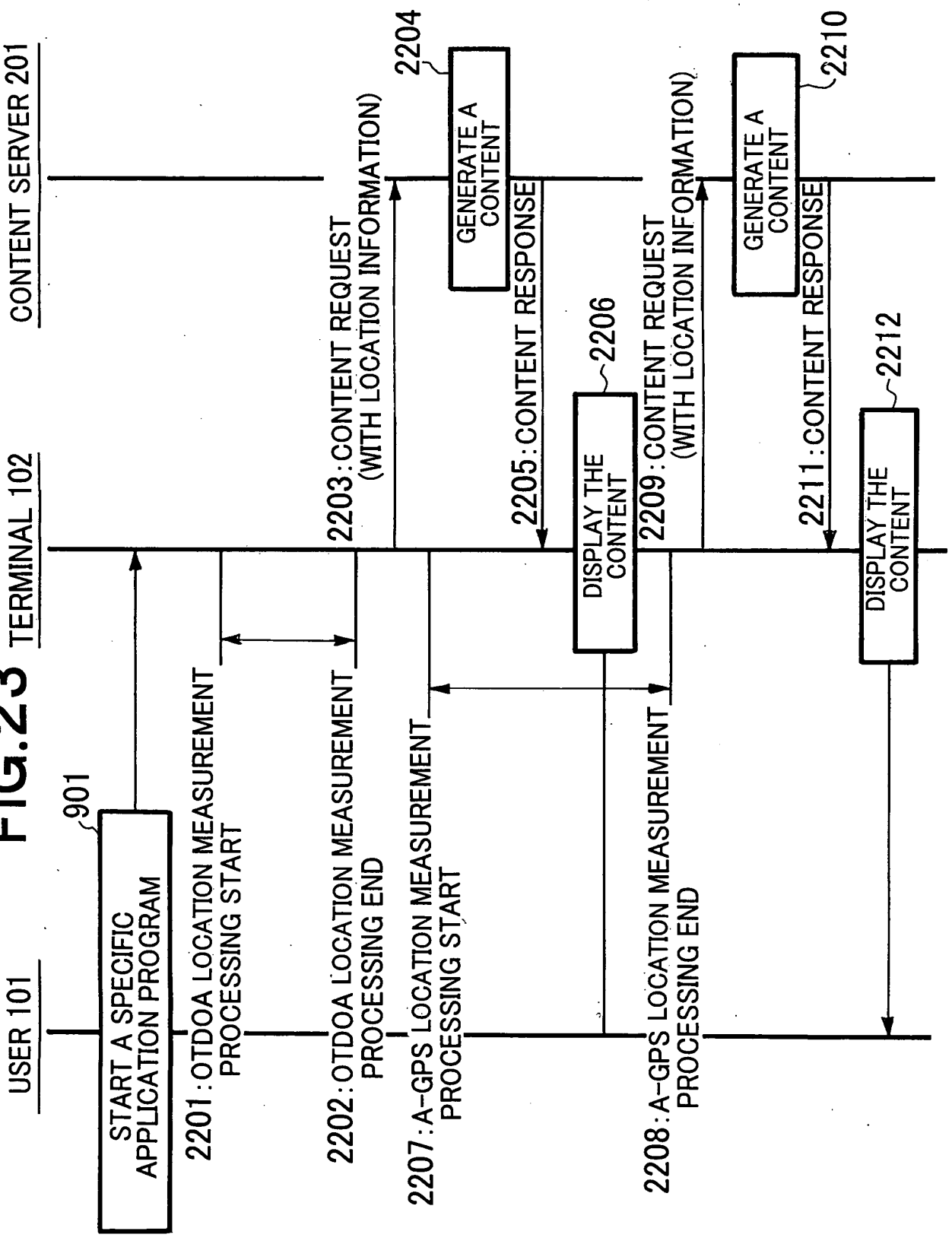
DOCKET NO.: 040447-0280

FIG.23



Title: LOCATION BASED INFORMATION SERVICE PROVIDING-SYSTEM AND METHOD THEREOF
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DOCKET NO.: 040447-0280

FIG.24

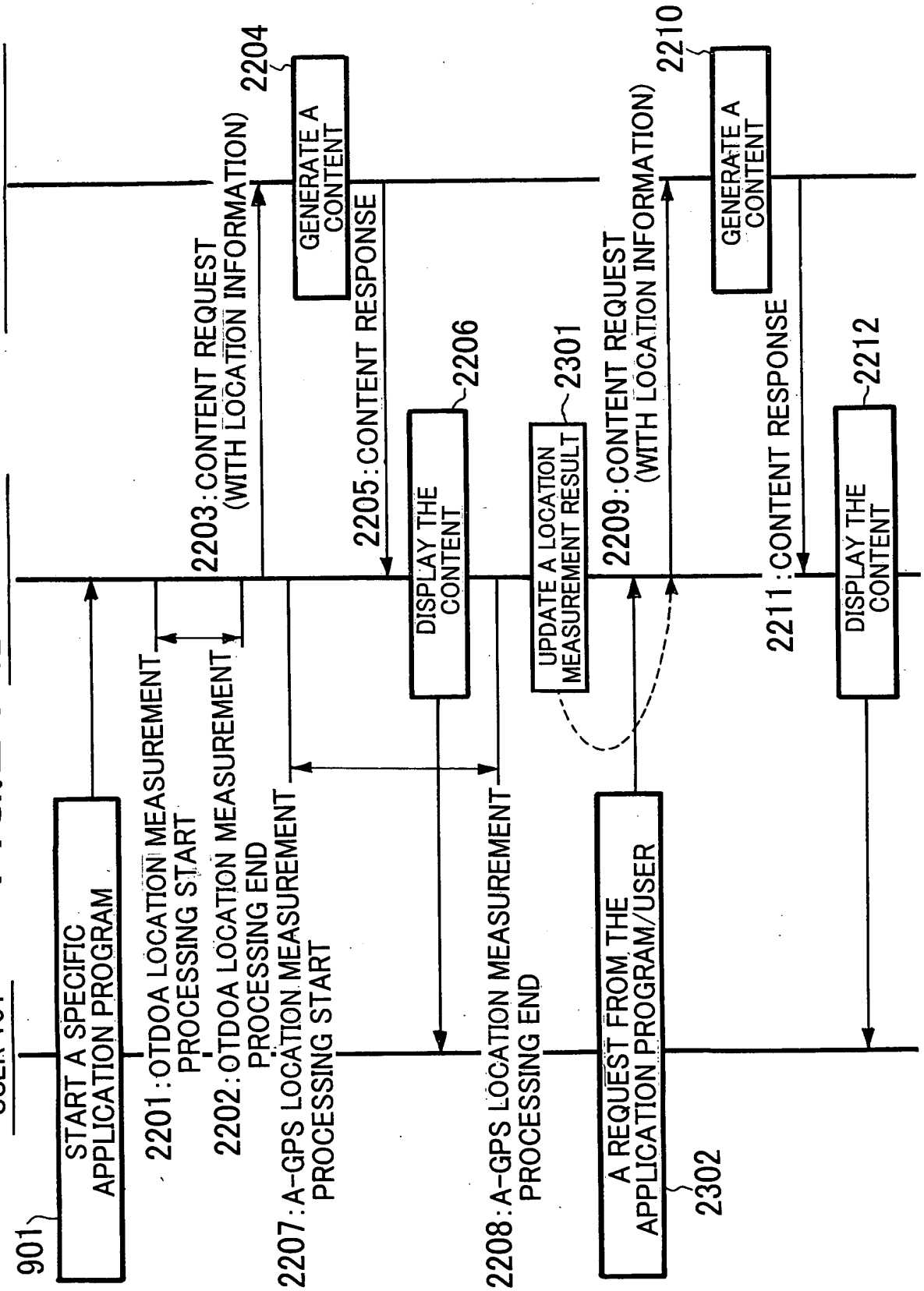


FIG.25

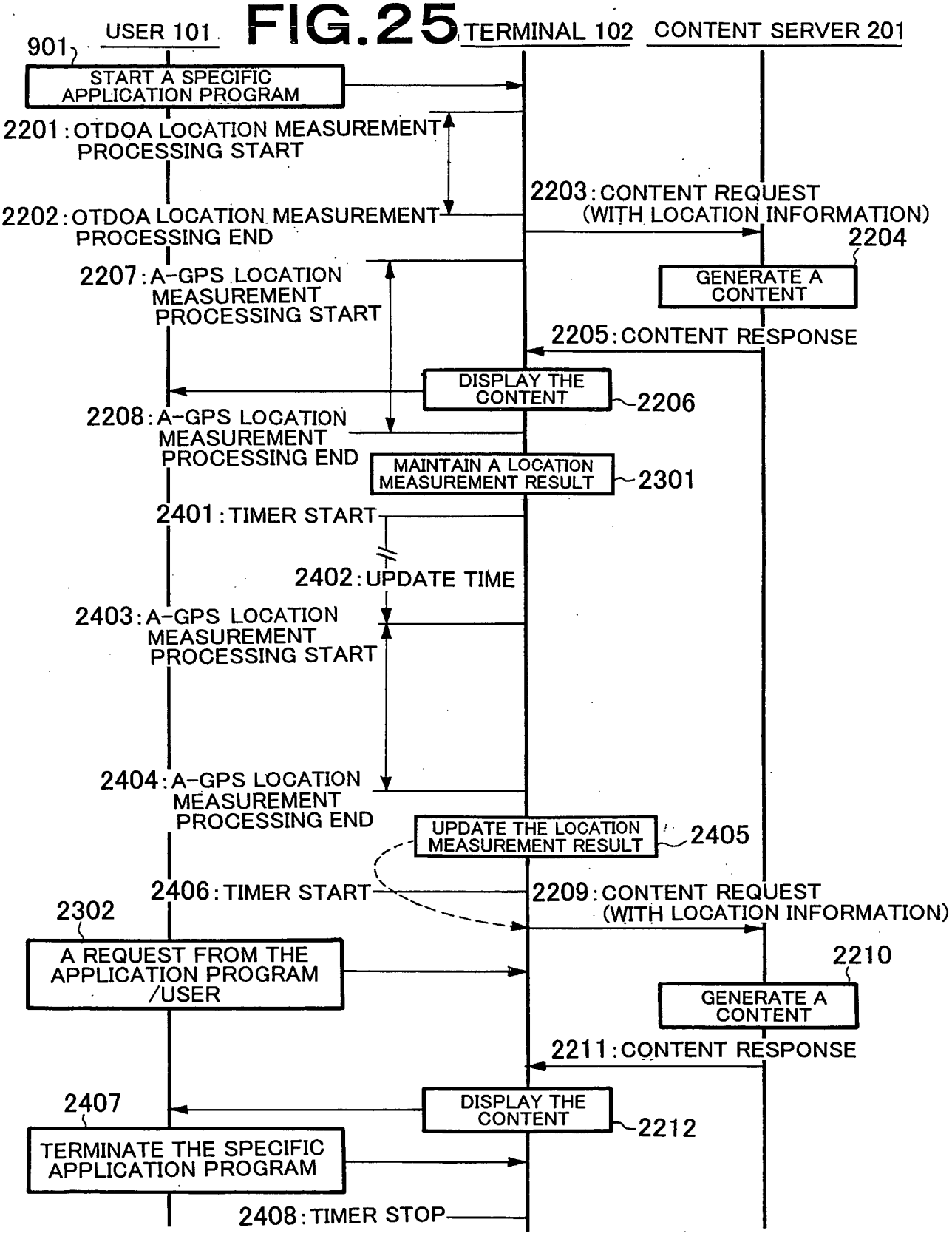
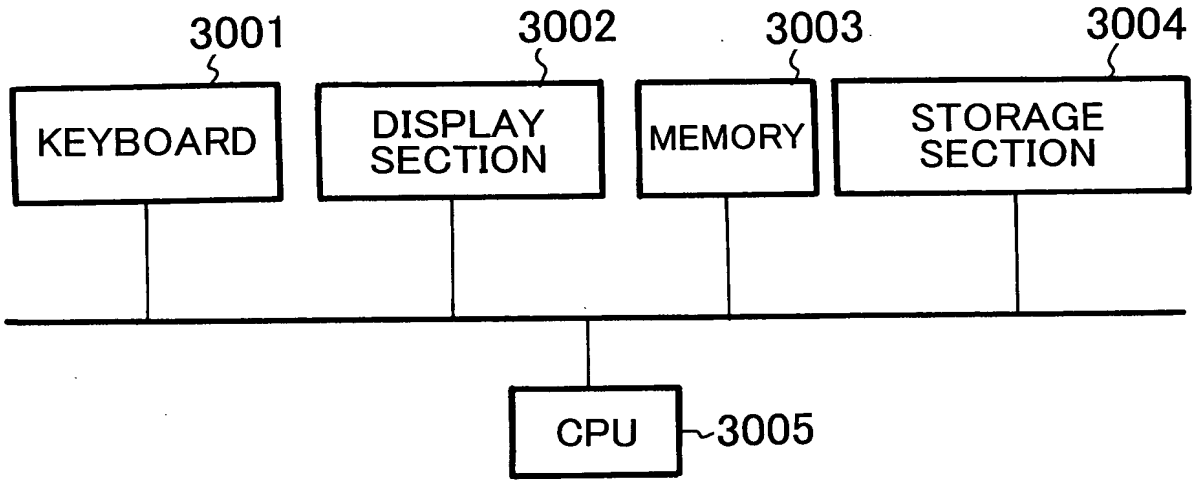

USER 101
TERMINAL 102
CONTENT SERVER 201
901
START A SPECIFIC APPLICATION PROGRAM
2201: OTDOA LOCATION MEASUREMENT PROCESSING START
2202: OTDOA LOCATION MEASUREMENT PROCESSING END
2203: CONTENT REQUEST (WITH LOCATION INFORMATION)
2204
GENERATE A CONTENT
2205: CONTENT RESPONSE
2207: A-GPS LOCATION MEASUREMENT PROCESSING START
DISPLAY THE CONTENT
2206
2208: A-GPS LOCATION MEASUREMENT PROCESSING END
MAINTAIN A LOCATION MEASUREMENT RESULT
2301
2401: TIMER START
2402: UPDATE TIME
2403: A-GPS LOCATION MEASUREMENT PROCESSING START
2404: A-GPS LOCATION MEASUREMENT PROCESSING END
UPDATE THE LOCATION MEASUREMENT RESULT
2405
2406: TIMER START
2209: CONTENT REQUEST (WITH LOCATION INFORMATION)
2302
A REQUEST FROM THE APPLICATION PROGRAM /USER
2210
GENERATE A CONTENT
2211: CONTENT RESPONSE
2407
DISPLAY THE CONTENT
2212
TERMINATE THE SPECIFIC APPLICATION PROGRAM
2408: TIMER STOP

FIG.26


3001
3002
3003
3004
KEYBOARD
DISPLAY SECTION
MEMORY
STORAGE SECTION
CPU
3005